

Contents

| | |
|---|-----|
| Abou-Donia, M. B., Hernandez, Y. M., Ahmed, N. S., Abou-Donia, S. A.: Distribution and Metabolism of <i>O</i> -Ethyl <i>O</i> -4-Nitrophenyl Phenylphosphonothioate after a Single Oral Dose in One-Week Old Chicks | 83 |
| Abou-Donia, S. A., see Abou-Donia, M. B., et al. | 83 |
| Ahmed, N. S., see Abou-Donia, M. B., et al. | 83 |
| Åkerblom, M., see Kolmodin-Hedman, B., et al. | 257 |
| Åkerblom, M., see Kolmodin-Hedman, B., et al. | 267 |
| Alder, S., Zbinden, G.: Neurobehavioral Tests in Single- and Repeated-Dose Toxicity Studies in Small Rodents | 1 |
| Andersson, Ö., see Mohammed, A., et al. | 311 |
| Audenaert, F., see Braeckman, R. A., et al. | 71 |
| Autissier, N., see Butchieau, A.-M. | 243 |
| | |
| Bailey, E., see Cunningham, V. J., et al. | 157 |
| Bajgar, J., Fusek, J., Patočka, J., Hrdina, V.: Protective Effect of 9-amino-7-methoxy-1,2,3,4-tetra-hydroacridine Against Inhibition of Acetylcholinesterase by <i>O</i> -ethyl S-(2-dimethylaminoethyl) Methylphosphonothioate in vivo | 163 |
| Barański, B., Stetkiewicz, I., Sitarek, K., Szymczak, W.: Effects of Oral, Subchronic Cadmium Administration on Fertility, Prenatal and Postnatal Progeny Development in Rats | 297 |
| Bast, A., Savenije-Chapel, E. M., Kermenade, F. A. A. van, Scheehals, L. W. C., Noordhoek, J.: Effect of Multiple Administration of Orphenadrine or Mono-N-Desmethyl- <i>o</i> -phenadrine on Cytochrome P-450 Catalyzed Reactions in the Rat | 131 |
| Bayer, H., see Kuhnhen-Clausen, D., et al. | 171 |
| Belpaire, F. M., see Braeckman, R. A., et al. | 71 |
| Bergman, K.: Interactions of Trichloroethylene with DNA in vitro and with RNA and DNA of Various Mouse Tissues in vivo | 181 |
| Berndt, W. O.: Transport of Citrinin by Rat Renal Cortex | 35 |
| Biesmann, A., see Mohammed, A., et al. | 311 |
| Bijsok, U., see Haider, S. G., et al. | 343 |
| Bluth, U., see Stahlmann, R., et al. | 109 |
| Bogaert, M. G., see Braeckman, R. A., et al. | 71 |
| Braeckman, R. A., Audenaert, F., Willems, J. L., Belpaire, F. M., Bogaert, M. G.: Toxicokinetics of Methyl Parathion and Parathion in the Dog After Intravenous and Oral Administration | 71 |
| Brunström, B.: Toxicity in Chick Embryos of Three Commercial Mixtures of Chlorinated Paraffins and of Toxaphene Injected into Eggs | 353 |
| Butchieau, A.-M., Autissier, N.: Effects of Manganese Ions on Thyroid Function in Rat | 243 |
| | |
| Colizzi, C., see Pacifici, G. M., et al. | 331 |
| Cowell, K., see Habermann, E., et al. | 61 |
| Cunningham, V. J., Tucker, S. P., Bailey, E.: Hydrolysis of Oleylanilide in the Rat | 157 |
| | |
| Danielsson, B. R. G., Dencker, L., Lindgren, A.: Transplacental Movement of Inorganic Lead in Early and Late Gestation in the Mouse | 97 |
| Decken, A. von der, see Klaude, M. | 215 |
| Delbressine, L. P. C., see Rietveld, E. C., et al. | 139 |
| Dencker, L., see Danielsson, B. R. G., et al. | 97 |
| Dimpfel, W., see Haider, S. G., et al. | 343 |
| | |
| Eckhardt, K., see Wild, D., et al. | 167 |
| Eriksson, H., Heilbronn, E.: Changes in the Redox State of Neuroblastoma Cells After Manganese Exposure | 53 |

| | |
|---|-----|
| Falck, K., see Kolmodin-Hedman, B., et al. | 25 |
| Flannigan, S. A., see Tucker, S. B. | 195 |
| Fujimaki, H., see Kawamura, R., et al. | 289 |
| Fusek, J., see Bajgar, J., et al. | 163 |
| Giuliani, L., see Pacifici, G. M., et al. | 331 |
| Gregory, M., Monro, A., Quinton, M., Woolhouse, N.: The Acute of Oxamniquine in Rats; a Sex-Dependent Hepatotoxicity | 247 |
| Gross, G., see Kuhnen-Clausen, D., et al. | 171 |
| Habermann, E., Crowell, K., Janicki, P.: Lead and Other Metals can Substitute for Ca^{2+} in Calmodulin | 61 |
| Hagedorn, I., see Kuhnen-Clausen, D., et al. | 171 |
| Haider, S. G., Bijok, U., Dimpfel, W., Pierau, F.-K.: Morphological and Electrophysiological Aspects of Dissociated Cultures of Rat CNS | 343 |
| Harnasch, D., see Wild, D., et al. | 167 |
| Hartvig, P., see Kolmodin-Hedman, B., et al. | 25 |
| Hashimoto, K., see Tanii, H. | 203 |
| Heger, H. W., Neubert, D.: Timing of Ovulation and Implantation in the Common Marmoset, <i>Callithrix jacchus</i> , by Monitoring of Estrogens and 6β -Hydroxypregnanolone in Urine | 41 |
| Heilbronn, E., see Eriksson, H. | 53 |
| Hernandez, Y. M., see Abou-Donia, M. B., et al. | 83 |
| Högglund, S., see Kolmodin-Hedman, B., et al. | 257 |
| Högglund, S., see Kolmodin-Hedman, B., et al. | 267 |
| Hrdina, V., see Bajgar, J., et al. | 163 |
| Hucho, F., see Kuhnen-Clausen, D., et al. | 171 |
| Janicki, P., see Habermann, E., et al. | 61 |
| Jones, M. M., see Shinobu, L. A., et al. | 235 |
| Jones, S. G., see Shinobu, L. A., et al. | 235 |
| Kasuya, Y., see Kawanishi, T., et al. | 323 |
| Kawamura, R., Shimizu, F., Fujimaki, H., Kubota, K.: Effects of Single Exposure to Cadmium on the Primary Humoral Antibody Response | 289 |
| Kawanishi, T., Takahashi, A., Ohno, Y., Takanaka, A., Kasuya, Y., Omori, Y.: New Method for Quantitative Measurement of N-Nitrosodimethylamine Formation in the Whole Mouse | 323 |
| Kemenade, F. A. A. van, see Bast, A., et al. | 131 |
| King, M.-T., see Wild, D., et al. | 167 |
| Klaude, M., Decken, A. von der: Non-Random Effect on RNA Synthesis in Liver Chromatin by Administration of Dimethylnitrosamine to Mice | 215 |
| Kolmodin-Hedman, B., Hartvig, P., Sorsa, M., Falck, K.: Occupational Handling of Cytostatic Drugs | 25 |
| Kolmodin-Hedman, B., Högglund, S., Åkerblom, M.: Studies on Phenoxy Acid Herbicides. I. Field Study. Occupational Exposure to Phenoxy Acid Herbicides (MCPA, Dichlorprop, Mecoprop and 2,4-D) in Agriculture | 257 |
| Kolmodin-Hedman, B., Högglund, S., Swensson, Å., Åkerblom, M.: Studies on Phenoxy Acid Herbicides. II. Oral and Dermal Uptake and Elimination in Urine of MCPA in Humans | 267 |
| Komsta-Szumska, E., Reuhl, K. R., Miller, D. R.: The Effect of Methylmercury on the Distribution and Excretion of Selenium by the Guinea Pig | 303 |
| Kubota, K., see Kawamura, R., et al. | 289 |
| Kuhnen-Clausen, D., Hagedorn, I., Gross, G., Bayer, H., Hucho, F.: Interactions of Bis-quaternary Pyridine Salts (H-Oximes) with Cholinergic Receptors | 171 |
| Lindgren, A., see Danielsson, B. R. G., et al. | 97 |
| Lorke, D.: A New Approach to Practical Acute Toxicity Testing | 275 |

| | |
|--|-----|
| Matsui, H., Wada, O., Ushijima, Y., Mizuta, T.: Inhibition of Oxidative Metabolism in Rabbit Polymorphonuclear Leukocytes by Triphenyltin Chloride | 227 |
| Miller, D. R., see Komsta-Szumska, E., et al. | 303 |
| Mizuta, T., see Matsui, H., et al. | 227 |
| Mohammed, A., Andersson, O., Biessmann, A., Slanina, P.: Fate and Specific Tissue Retention of Toxaphene in Mice | 311 |
| Monro, A., see Gregory, M., et al. | 247 |
| Neubert, D., see Heger, H. W. | 41 |
| Neubert, D., see Stahlmann, R., et al. | 109 |
| Noordhoek, J., see Bast, A., et al. | 131 |
| Ohno, Y., see Kawanishi, T., et al. | 323 |
| Omori, Y., see Kawanishi, T., et al. | 323 |
| Pacifici, G. M., Colizzi, C., Giuliani, L., Rane, A.: Cytosolic Epoxide Hydrolase in Fetal and Adult Human Liver | 331 |
| Patočka, J., see Baigar, J., et al. | 163 |
| Pierau, F.-K., see Haider, S. G., et al. | 343 |
| Quinton, M., see Gregory, M., et al. | 247 |
| Rane, A., see Pacifici, G. M., et al. | 331 |
| Reuhl, K. R., see Komsta-Szumska, E., et al. | 303 |
| Rietveld, E. C., Delbressine, L. P. C., Waegemaekers, T. H. J. M., Seutter-Berlage, F.: 2-Chlorobenzylmercapturic Acid, A Metabolite of the Riot Control Agent 2-Chlorobenzylidene Malononitrile (CS) in the Rat | 139 |
| Savenije-Chapel, E. M., see Bast, A., et al. | 131 |
| Scheefhals, L. W. C., see Bast, A., et al. | 131 |
| Seutter-Berlage, F., see Rietveld, E. C., et al. | 139 |
| Shimizu, F., see Kawamura, R., et al. | 289 |
| Shinobu, L. A., Jones, S. G., Jones, M. M.: Mobilization of Aged Cadmium Deposits by Dithiocarbamates | 235 |
| Sitarek, K., see Barański, B., et al. | 297 |
| Slanina, P., see Mohammed, A., et al. | 311 |
| Sorsa, M., see Kolmodin-Hedman, B., et al. | 25 |
| Stahlmann, R., Bluth, U., Wiessler, M., Neubert, D.: Interference of Acetoxyalkyl-Nitrosamines with Limb Bud Differentiation in Organ Culture | 109 |
| Stetkiewicz, I., see Barański, B., et al. | 297 |
| Swensson, Å., see Kolmodin-Hedman, B., et al. | 267 |
| Szymczak, W., see Barański, B., et al. | 297 |
| Takahashi, A., see Kawanishi, T., et al. | 323 |
| Takanaka, A., see Kawanishi, T., et al. | 323 |
| Tanii, H., Hashimoto, K.: Neurotoxicity of Acrylamide and Related Compounds in Rats. Effects on Rotarod Performance, Morphology of Nerves and Neurtubulin | 203 |
| Tucker, S. B., Flannigan, S. A.: Cutaneous Effects from Occupational Exposure to Fenvvalerate | 195 |
| Tucker, S. P., see Cunningham, V. J., et al. | 157 |
| Ushijima, Y., see Matsui, H., et al. | 227 |
| Wada, O., see Matsui, H., et al. | 227 |
| Waegemaekers, T. H. J. M., see Rietveld, E. C., et al. | 139 |
| Wiessler, M., see Stahlmann, R., et al. | 109 |

| | |
|---|-----|
| Wild, D., Eckhardt, K., Harnasch, D., King, M.-T.: Genotoxicity Study of CS (Ortho-Chlorobenzylidenemalononitrile) in <i>Salmonella</i> , <i>Drosophila</i> , and Mice. Failure to Detect Mutagenic Effects | 167 |
| Willems, J. L., see Braeckman, R. A., et al. | 71 |
| Woolhouse, N., see Gregory, M., et al. | 247 |
| Yannai, S.: Adrenocortical Response to Single and Repeated Doses of Chloroform in Rats | 145 |
| Zbinden, G., see Alder, S. | 1 |

6
7
1
7
5
1